



IPe *JS*

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on May 20, 2004 by Jon D. Shutter (Reg. No. 41,311).

PATENT
Case No. N0177US

Jon D. Shutter
Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Rajashri Joshi

Serial No.: 10/714,131

Filed: 11/14/2003

For: BOWING COEFFICIENT REPRESENTATION
OF CURVATURE OF GEOGRAPHIC
FEATURES

Group: 3661

Examiner:
O. Hernandez

**SECOND INFORMATION
DISCLOSURE STATEMENT**

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §1.56 and in conformance with 37 C.F.R. §§ 1.97-1.99, Applicant discloses the reference(s) listed on the attached form PTO-1449 for consideration by the Examiner.

This information disclosure statement lists references cited in the prior application, Serial No. 09/772,587, now U.S. Patent No. 6,681,177 which is relied upon for an earlier priority date under 35 U.S.C. §120, and accordingly, copies of these references are not included with this submission, as permitted by 37 C.F.R. §1.98(d).

Applicant requests that the Examiner review the entire disclosure of each listed reference. The Examiner is requested to acknowledge consideration of the reference(s) by initialing the appropriate location(s) on the form PTO-1449 enclosed herewith.

05/25/2004 SSESHE1 00000041 500728 10714131
01 FC:1806 180.00 DA



Applicant submits that the claimed subject matter of the present application
prior art over the cited prior art.

Applicant does not represent any cited reference to be prior art and Applicant
reserves the right to disqualify any reference by the showing of an earlier date of
invention, if appropriate.

This Information Disclosure statement is accompanied by a Fee Transmittal that
authorizes payment of the fee associated with submission of this information disclosure
statement.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Jon D. Shutter".

Jon D. Shutter
Reg. No. 41,311
Attorney for Applicant

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$) 180⁰⁰

Complete if Known

Application Number 10/714,131
Filing Date 11/14/03
First Named Inventor JOSH-I
Examiner Name O. HERNANDEZ
Art Unit 3661
Attorney Docket No. N0177 US

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit
Account
Number
Deposit
Account
Name

50 0728

NAVTEQ North America, LLC

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|------------------------|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1001 | 770 | 2001 | 385 | Utility filing fee | |
| 1002 | 340 | 2002 | 170 | Design filing fee | |
| 1003 | 530 | 2003 | 265 | Plant filing fee | |
| 1004 | 770 | 2004 | 385 | Reissue filing fee | |
| 1005 | 160 | 2005 | 80 | Provisional filing fee | |
| SUBTOTAL (1) | | | | | (\$) |

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| | | Extra Claims | | Fee from below | | Fee Paid |
|--------------------|----------------------|--------------|----------------------|----------------|----------------------|----------------------|
| Total Claims | <input type="text"/> | -20** = | <input type="text"/> | X | <input type="text"/> | <input type="text"/> |
| Independent Claims | <input type="text"/> | - 3** = | <input type="text"/> | X | <input type="text"/> | <input type="text"/> |
| Multiple Dependent | <input type="text"/> | | <input type="text"/> | | <input type="text"/> | <input type="text"/> |

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|--|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 | |
| 1201 | 86 | 2201 | 43 | Independent claims in excess of 3 | |
| 1203 | 290 | 2203 | 145 | Multiple dependent claim, if not paid | |
| 1204 | 86 | 2204 | 43 | ** Reissue independent claims over original patent | |
| 1205 | 18 | 2205 | 9 | ** Reissue claims in excess of 20 and over original patent | |
| SUBTOTAL (2) | | | | | (\$) |

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|----------|----------|----------|----------|--|----------|
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 | 130 | 1053 | 130 | Non-English specification | |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for <i>ex parte</i> reexamination | |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 | 110 | 2251 | 55 | Extension for reply within first month | |
| 1252 | 420 | 2252 | 210 | Extension for reply within second month | |
| 1253 | 950 | 2253 | 475 | Extension for reply within third month | |
| 1254 | 1,480 | 2254 | 740 | Extension for reply within fourth month | |
| 1255 | 2,010 | 2255 | 1,005 | Extension for reply within fifth month | |
| 1401 | 330 | 2401 | 165 | Notice of Appeal | |
| 1402 | 330 | 2402 | 165 | Filing a brief in support of an appeal | |
| 1403 | 290 | 2403 | 145 | Request for oral hearing | |
| 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable | |
| 1453 | 1,330 | 2453 | 665 | Petition to revive - unintentional | |
| 1501 | 1,330 | 2501 | 665 | Utility issue fee (or reissue) | |
| 1502 | 480 | 2502 | 240 | Design issue fee | |
| 1503 | 640 | 2503 | 320 | Plant issue fee | |
| 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | |
| 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) | 180 |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | |
| 1809 | 770 | 2809 | 385 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1810 | 770 | 2810 | 385 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 1801 | 770 | 2801 | 385 | Request for Continued Examination (RCE) | |
| 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application | |

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 180⁰⁰

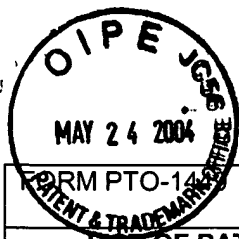
SUBMITTED BY

Name (Print/Type) Jon D. Shutter Registration No. 41,311 Telephone 312/894-7000
Signature [Signature] (Attorney/Agent) Date 5-20-04

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



| | | |
|---|---------------------------|------------------------|
| FORM PTO-14 | SERIAL NO. 10/714,131 | CASE NO. N0177US |
| LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT | FILING DATE 11/14/2003 | GROUP ART UNIT 3661 |
| (use several sheets if necessary) | | APPLICANT(S): Joshi |

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS/ SUBCLASS | FILING DATE |
|---------------------|-----|--------------------|---------|-------|--------------------|----------------|
| | A1 | 6728392 | 04/2004 | Joshi | 382/104 | |
| | A2 | | | | | |
| | A3 | | | | | |
| | A4 | | | | | |
| | A5 | | | | | |
| | A6 | | | | | |
| | A7 | | | | | |
| | A8 | | | | | |
| | A9 | | | | | |
| | A10 | | | | | |
| | A11 | | | | | |
| | A12 | | | | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS/ SUBCLASS | TRANSLATION YES NO |
|---------------------|-----|--------------------|------|---------|--------------------|-----------------------|
| | A13 | | | | | |
| | A14 | | | | | |
| | A15 | | | | | |
| | A16 | | | | | |
| | A17 | | | | | |

| EXAMINER INITIAL | OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.) | |
|---------------------|--|---|
| | A18 | U.S. patent application Serial No. 09/729,939, filed December 5, 2000, entitled "Method and System for Representation of Geographic Features in a Computer-Based System" (not yet published). |
| | A19 | |
| | A20 | |
| | A21 | |
| | A22 | |

| | |
|----------|-----------------|
| EXAMINER | DATE CONSIDERED |
|----------|-----------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.